

ABSTRACT

Methods of diagnosing infertility in a mammal that include detecting the presence and level of a β_3 integrin subunit in an endometrium sample of a mammal at a plurality of stages of the endometrial cycle and correlating
5 delayed appearance or a reduced level of β_3 integrin subunit expression with infertility are provided. Diagnostic kits useful in the practice of the methods of the invention are also provided.